

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

10. (Newly Added) The digital transmitter-receiver according to claim 3,

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

11. (Newly Added) The digital transmitter-receiver according to claim 4,

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

12. (Newly Added) The digital transmitter-receiver according to claim 5,

105866280-053501

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

13. (Newly Added) The digital transmitter-receiver according to claim 6,

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

14. (Newly Added) The digital transmitter-receiver according to claim 7,

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

Respectfully Submitted,


Lawrence E. Ashery, Reg. No.: 34, 515
Attorney for Applicants

LEA/jam

Enclosure: Version with markings

Dated: May 25, 2001

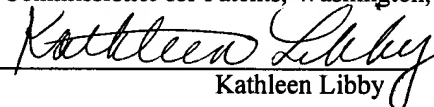
Suite 301
One Westlakes, Berwyn
P.O. Box 980
Valley Forge, PA 19482-0980
(610) 407-0700

The Assistant Commissioner for Patents is
hereby authorized to charge payment to Deposit
Account No. 18-0350 of any fees associated
with this communication.

EXPRESS MAIL Mailing Label Number: EL 741593112 US

Date of Deposit: May 25, 2001

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.


Kathleen Libby

09866280 052501